



August, 1943

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## COOPERATION WITH THE STUDENTS' COUNCIL

When you read the Engineers' Council column on Page 3, you will learn that "Chuck Daugherty, President of the Students' Council, attended its last meeting. One of the purposes of his visit was to urge greater cooperation between the Engineers and the rest of the College. One of the things Chuck suggested was that we sponsor a "Juke jive", such as was held in the Student Club last Friday evening, July 31st, and, incidentally, was attended by a large number of Engineers. The MECHEELECIV and the Engineers' Council would like to hear what you think of the idea. Mutual cooperation between the Engineers' and the Students' Councils is sure to be of great benefit.

## PROPOSED AMENDMENT TO THE ENGINEERS' COUNCILS CONSTITUTION

At their next meeting, Wed. night, the engineering societies will be asked to vote upon one of the most important issues ever brought up by the Engineers Council. This vote concerns itself with a proposed amendment to the constitution, which is stated as follows: On and after February 1, 1944, a candidate for membership, and in order to retain his membership on the Engineers' Council must be registered for and in good standing in not less than four semester-hours of undergraduate work in George Washington University.

The MECHEELECIV has interviewed the leading proponents and opponents of this amendment and in this article presents the views of both factions and a summary of events up to this moment so that you may be better acquainted with this issue before you vote.

(Con't on page 4)

## THE DEAN'S BULLETIN BOARD

### "GLOBAL ENGINEERING"

At lunch a day or two ago, Dean Johnstone said if he lived to be 99 he would see the year 2000. Most of the undergraduates, by life expectancy tables, have an even better chance to reach that dramatic milestone of civilization.

Lets prophesy. First, a very small world shrunk to a tenth of its present size by speed of transportation and communication. We will take vacations in the high lands of equatorial Africa, spend our weekends in Alaska or California, sunset parties for trips to see the sun rise and set at mid-night in

(Con't on page 6)

## ENGINEERS' SCHEDULE

Aug. 4 - Engineering Societies  
Short Sigma Tau

11 - Short Theta Tau  
Engineers' Council

18 - Long Sigma Tau

25 - Long Thate Tau

30 - Next issue of MECHEELECIV

Sept. 1 - Engineering Societies

Short meetings start at 8:00 o'clock and adjourn at 9:00. Long meetings start at 8:30.

The MECHEELECIV is working up a mailing list. Please submit names of interested alumni and former students to the MECHEELECIV Box.

THE MECHELECIV STAFF

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Am.Soc.C.E.	Dan Andrich
Theta Tau	George Fida
Sigma Tau	Ned Schreiner
Engineers' Council	Fred Holcomb

AMENDMENT TO COUNCIL CONSTITUTION

Considering the great deal that has been said and written concerning the proposed amendment to the Engineers' Council Constitution, a bit of editorial space devoted to it might be justifiable. From what we have heard, the main argument appears to be as follows:

Pro: The amendment tends to make ineligible those men, who the Pros feel are undesirable, who come here for social activities and not for an Engineering education.

Con: The amendment will make ineligible those men who, because of their financial, work, or home conditions, are forced to drop below four credits for one semester.

May we suggest a remedy? Word the amendment as follows: "Effective June, 1944, a candidate for membership on the Engineers' Council must have taken at least twelve (or eight) semester-hours during the last three semesters". We think this solves the main argument and will be satisfactory to both parties.

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ENGINEERS IN THE "OTHER HALF"

Our recent activities have taken us within the realm of the "other half" (and we must admit that we have met some really swell fellows), that half of the college which includes mainly the social science students, physicists, etc., and social fraternities. We were very much surprised to learn that there are stu-

ENGINEERS AND PEOPLE

Prof. Robert G. Trumbull...born in Worcester, Mass...grad Worcester Polytech as B.S. in C.E...started teaching at Penn State...worked for Boston-Albany R.R.... and Osgood Bradley Car Works in Drafting and Estimating Depts where he held the position of Chief Estimator... then to New England Power as Structural Designer and to Flood Control Division of War Dept...Taught at Worcester Boys' Trade School and Providence Technical first...came to G.W.U. as Professor of M.E. first as part-time and then as full-time...hopes (and me too) to be here quite a while...married...son a Lt. in Army...daughter married to Ensign in Navy...hobbies: music and railroads.

Prof. Carl H. Walter—C.E. prof... assistant to the Dean and acting executive officer of the C.E. dept...circumstances of birth are unknown, except that it happened in Baltimore in 1911...still lives in Md....attended Baltimore Polytechnic and then to Johns Hopkins... graduated from latter in 1931 with B. Eng. degree...received Masters degree in '33. Worked for Liquid Carbonic in New Orleans...survey and mapping unit of C.W.A. (pre W.P.A.)...ass't sup't of const. for Maryland State Welfare Board on prisons (How appropriate for a teacher. Ed. note)...then became State Materials Engineer for Md...got fed up in 1936 and joined up with a private consultant...from there to Bethlehem Steel Corp. in Pa...left there in 1939 to come to G.W.U. Likes poker...though not much chance to play (Ennybody wanna win some money?)...very much a naturalist at heart...likes to camp and shoot...very early morning best part of day...Married to father's art student who still retains love for painting...has no children... Hopes someday to do research in structural theory...Shows genuine feeling and love for teaching.

dents enrolled in Engineering whose extra-curricular activities are so tied up with the "other half" that they don't ever get around to joining an Engineering Society. To those men, especially Frosh and Sophs, we say: "C'm'up and see us some time. We'll be glad to have you - and we're really not a bad bunch."

## M.E. and YOU

On Sunday, July 25th, Bob McCullough, last Feb. "grad", and Miss Edna Kathryn Knowles, were married at the First Baptist Church here in Wash. Ensign Eugene Dedick was his best man and Bill Randall and Boyd Horne were ushers. The Engineering School extends heartiest congratulations to Bob and we wish them both the best of happiness. They are honeymooning at Portage Lakes, Ohio, and plan to reside in Akron.

Chief Dirk Brady, of the S.S. American Mariner, is expected to visit his many friends here sometime this week. It is with interest that we hear of the success of recent graduates. We extend congratulations to Dirk of the Merchant Marine, Gene Dedick of the Navy Omer Long of Cooper-Bessemer, and Bob McCullough of Goodyear, and all the other boys who have recently left campus to do their part in the war effort.

An unconfirmed rumor is being circulated around campus that Prof. Cruickshanks has become a motorcycle enthusiast. It was brought to our attention that he was seen bouncing off towards Brightwood on the backseat of Heine's motorcycle several Wed. evenings ago. This rumor has been accepted by a majority of the student body with chagrin for fear his enthusiasm will develop to a point where he will want the M.E. lab students to attempt a dynamical study of one of those infernal machines.

Sound films will be shown at the next scheduled meeting of the ASME, Aug. 5, in D-201. A recently proposed amendment to the Engineers' Council Constitution and other business will be taken up. We will have refreshments, even if the A.I.E.E. won't, so any hungry and thirsty E.E.'s better sneak up to see us after their meeting if they want to have enough strength to drag themselves home.

Do not attempt to do a thing unless you are sure of yourself; but do not relinquish it simply because someone else is not sure of you.

Our government rests in public opinion. Whoever can change public opinion can change the government just that much.

Abraham Lincoln

## SHORT CIRCUITS

If the program of the last meeting is a sample of the work we can expect from Al Barauck and Mike Bondy for the coming year, take this advice and don't miss a future meeting. These boys did a swell job in getting Mr. J. L. Harrison of the Public Roads Administration to come up and straighten out some of the problems facing engineers interested in a career in Latin America. A letter of thanks has already been sent to Mr. Harrison by our chairman, Ned Schreiner.

The guest speaker at our next meeting, on Aug. 4 in room D-105 at 8:30 pm, will be Dr. F. K. Harris, Physicist, National Bureau of Standards. His subject will be "The High Voltage Lab. at the Bureau of Standards."

Plans for another one of those E.E. picnics with dates are just about completed. The committeemen, Mike Bondy, Fred Holcomb, and Al Barauck, have succeeded in setting the date at Sun. Aug. 8 or on the following Sun. if weather is anti-picnicish. A truck, leaving from an undesignated point near school, will solve the transportation problem to this beautiful picnic ground about 10 miles north of the border into Md. The main attraction, besides watermelons and a little healthful work in a Victory garden, which will be unsupervised, is swimming in the crystal-clear waters of the Patuxent River just above Laurel, so bring your bathing suit and a towel. A fee of 50¢ per person will be collected for the truck and watermelons which will be furnished by the Branch. Lunch will have to be self-provided but a fire will be available for any cooking deemed necessary. Further information will be posted on the bulletin board and revealed in the Branch meeting.

Already in the summer term the Institute has gained three new members in the persons of Everett Alexis, John S. Bartlett, and C.J. Meyers. Also one of our old members, Wilbur Sze, has decided to return to the fold after an absence of almost three years. The Branch is glad to welcome these men and all others enrolled in the Electrical Engineering Dept. even if it's only on a temporary basis like that of Peter Meyers who will be leaving for the armed forces in fall but until then will be active in the Society.

AM. SOC. C. E.

The C.E.'s will hold their next meeting Wednesday night, Aug. 4th. Mr. Harry Balmer, who will deliver a short talk of current interest, is the guest speaker of the evening.

It is imperative that all members of the A.S.C.E. be present at this meeting to vote on the amendment submitted by the Engineers' Council (see page 1.)

Refreshments served! Everybody welcome! (Ed. note—Even E.E.'s?)

As their major contribution to this issue, the C.E.'s submit for your earnest consideration, the following words of wisdom overheard in Prof. Akers' classes:

"We are walking electrical phenomena—that is why some of us are so shocking."

"The fire-fly has a higher light efficiency than the new man-made fluorescent lamp."

"Engineering is 90% horse sense."

"Engineering is the ability to weigh matters and give decisions."

"The Engineering mind is creative."

"Believe it or not but—there is a time when everybody in Washington is asleep, except G. W. students. Take a look at lab some early hour and see for yourself."

"Going to college is the easiest way to get an education."

"Good engineering is always good engineering."

PROPOSED AMENDMENT

(Cont. from page 1)

last meeting on July 21. Mr. Ballard, when interviewed, gave as his argument in favor of the amendment five points, which are as follows:

1. To get engineers on the Council, not activity men.

2. To raise the standards of the Engineers' Council up to the standards of the Student Council which requires four semester-hours work.

3. To give engineers the assurance that they have people on the council who have their academic interests at heart as well as their social interests.

THETA TAU

Brother Theta Taus: More meetings like the last one, which was held July 28th, should be arranged. You who were not present missed a fine demonstration of lively interest and vociferous expression of opinion that would have taken you back to some of the high lights of Theta Tau's history. Although the merits of the issue will not be here evaluated, if an amendment to the Engineers' Council Constitution can so rouse you fellows, let's have more of them!

The song contest will end at the last long meeting before the Founders' Day Banquet. The winner will receive a certificate of award as well as all the beer he can drink.

The group letter of the July 28th meeting was written to Brother Bob Randall. We hope it will bring back some pleasant reflections on past experiences he had when active in Gamma Beta.

Brother Thomas Henry Johnston Jr., Lt. in the U.S. Army was married to Miss Martha MacElwain Diven, on Saturday, July 31, 1943, at 7:30 p.m. at the Arlington Presbyterian Church, Arlington, Virginia. Best wishes! Besides, remember "Martie's" story on Prof. Akers for the Hatchet.

And, Brother George Kilpatrick became the proud papa of a baby boy some time in June. Somebody suggests that we buy diaper bags wholesale.

4. To eliminate the "drop-outs" from holding office for at the present time a man who has left school can still hold a council membership.

5. To eliminate men whose outside interests precede and outweigh their interest in bettering the welfare of the general body of engineers.

Julius Ritter, a long-time active engineer and at present Regent and Council Representative of Theta Tau, represents the opposition to the amendment. He gave as his arguments the following statements:

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SIGMA TAU

The only news of interest to the school that has happened in Sigma Tau this month has already been placed on the front page. That is, that the chapter passed, unanimously I might add, the much-discussed amendment to the Constitution of the Council. We set what will probably prove to be a record for discussion of it—thirteen minutes.

There is one other result of our last meeting, that it might be worthwhile to mention. Of the seven students proposed for election to membership in the fraternity this term, only two were known to any of the brothers. Of course, if no one can speak for the men who are eligible because of their grades, then they cannot be elected. This is unfortunate, but your own fault, if you happen to be one of the seven. In addition to technical ability, our requirements include sociability and practicability. These qualities can only be demonstrated in the activities of the school; and if we don't know you, it is because you haven't been in these activities. There's just one thing to be said to the men who have qualified scholastically but will not be elected this term. That is: "Become active in the engineering activities."

PROPOSED AMENDMENT

(Con't. from page 4)

1. The number of hours a man carries is no index to the ability of that man to represent the engineering school.
2. The amendment restricts the societies in their choice of casual representatives.
3. It may cause the Student Life Committee of the Student Council to enforce some of its more stringent regulations upon the Engineers Council.
4. Outside work and for a temporary financial crisis may cause a man to take less than four hours work or may even cause him to drop out for a semester. At this point Ritter said "Do you have to have money to be on the Council."
5. The Council plans its work for

ENGINEERS' COUNCIL

The meeting on July 14 was a fast and furious meeting covering many subjects, from the ratholes in the Lounge furniture to the proposed Amendment.

Student Council: We were honored by a visit from the Pres. of the Student Council, Chuck Daugherty, who came principally to talk of the growing cooperation between the two councils and to give us an outline of the year ahead. The dances of last year's summer sessions are being continued in a slightly different form. They are fortnightly, free-admission affairs. Instead of being held on Lisner Terrace, where difficulty was found in restricting admission to G. W. students, they are to be held in the Student Club.

New Amendment: The proposed amendment is well covered elsewhere in this paper and we only want to urge everyone to go to his society meeting and vote as he feels is right.

Engineers' Ball: Tentatively, the 1st Sat. of Feb. was selected as the date of the annual Engineers' Ball. Incidentally, Chuck Daugherty tells us that there is to be no co-op book this year. That leaves it up to us to get out and sell tickets to the rest of the school more than ever before.

Activities Council: Jim Kincaid was elected representative of the Engineers' Council to the Activities Council. Keep an eye on this council; it has a promising future.

Note to Presidents: There has been some laxity in adjourning short meetings on time, making it necessary to call the meetings that follow them to order late. We hope adjourning times on short meetings will be more strictly watched.

the whole year and particular jobs are assigned to certain men. If the amendment is passed, the continuity of the Councils' work will be disrupted every time a man takes less than four hours work.

Thus far the amendment has been passed by Sigma Tau and rejected by Theta Tau. All three Engineering societies must pass it for it to take effect.

## SCHOOL ~ DAZE

I had sworn to be a bachelor,  
She had sworn to be a bride.  
I guess you know the answer—  
She had nature on her side.

Don't waste time worrying about  
the opportunities you've missed, chances  
are you'll miss others while  
you worry.

Money can be lost in more ways than  
won.

The young couple sat at a night  
club table and cooed heavily.

"We could get married easily,"  
whispered the boy. "My father's a  
minister."

"Okay," returned the girl promptly.  
"Let's try it. My father's a  
lawyer."

There is a vast difference in  
some instances between what we really  
need and that which we think we must  
have, and the realization of this  
truth will greatly lessen the seeming  
discomfort in doing without.

"I would like to see the Judge,  
please." "Sorry, sir, but he is at  
dinner." "But this is important."  
"Can't be helped, sir, His Honor is  
at steak." (This must be old. Ed.  
note.)

What we know as civilization conforms to the instincts of women, and violates most of the instincts of men.

A little experience often upsets  
a lot of theory.

"She's as pretty as a picture,"  
murmured the gate watchman as his gaze  
followed the fresh, young war worker.  
"Got a nice frame, too," he added  
thoughtfully.

Digging for facts will get you  
there with half the energy wasted in  
jumping at conclusions.

Don't worry because a rival imitates you. As long as he follows in  
your tracks he can't pass you.

THE DEAN'S BULLETIN BOARD

(Con't. from Page 1)

Norway will be easy to arrange, and  
every June air transports of high school  
boys and girls will visit the North  
Pole just as they now come to Washington.

Power: The atom will now have been  
smashed. The control of atomic energy  
will have been devised and we may give  
"power fills" to our automobiles as we  
do now our vitamins!

War: The third world war will have  
come and gone. We will have slaughtered  
people by shattering their ear drums  
with directed high-frequency sound waves  
and burned cities by diathermy.

Government: That third world war  
will at last have left the stunned population  
with the realization that the  
world was made for man and not man for  
the world, and we shall have devised a  
parliament of nations that will work.

The year 2000 I shall never see.  
Many of you young men who read this summer  
fantasy will celebrate it. You will  
have had during the next fifty years  
a global development of which we are  
just beginning to learn the alphabet  
in this year 1943.

Frederick M. Feiker

Oliver Wendell Holmes once defined  
happiness as "Four feet on a fireplace  
fender".

Minister's Wife: "Did you hear? Jones,  
the banker, murdered the teller, stole  
a million dollars, and ran away with  
the hotel keeper's wife."

Minister: "Heavens! Who will teach his  
Sunday School class?

One can advise comfortably from a  
safe port.

Conductor: "Can't you read that sign? It  
says 'No Smoking'."

Sailor: "Sure, mate, that's plain enough,  
but you've got a lot of dippy signs  
here. One of them says 'Wear Nemo Cor-  
sets', so I ain't paying attention to  
any of 'em."

Wisdom is measured by our consci-  
ousness of our own ignorance.